



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/755,489	01/05/2001	Hai Bin Lin	A0-079 US	5108

23683 7590 03/10/2003

MOLEX INCORPORATED
2222 WELLINGTON COURT
LISLE, IL 60532

EXAMINER

LEON, EDWIN A

ART UNIT	PAPER NUMBER
----------	--------------

2833

DATE MAILED: 03/10/2003

14

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/755,489

Applicant(s)

LIN ET AL.

Examiner

Edwin A. León

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 February 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5, 7-16 and 18-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5, 7-16 and 18-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 13.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. Applicant's amendment filed February 11, 2003 in which Claims 3, 7-8, 12 and 14 have been amended, Claims 6 and 17 have been cancelled and new Claims 18-20 have been added, has been placed of record in the file as Paper No. 12.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-5, 7-16 and 18-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Baxter et al. (U.S. Patent No. 5,897,386). With regard to Claims 1, 10 and 18-20, Baxter et al. discloses an electrical connector (10), comprising: a molded plastic housing (30) having an elongated body portion (middle part of 30 that connects 64) defining a front mating face (Fig. 3) and a rear terminating face (Fig. 2) of the connector (10), the elongated body portion (middle part of 30 that connects 64) having a

Art Unit: 2833

predetermined length, a plurality of terminal-receiving passages (where 48,50 and 52 are located), which extend through the body portion (middle part of 30 that connects 64) from the mating face (Fig. 3) to the terminating face (Fig. 2), defined by wall means (42,44), having predetermined lengths and extending between the mating (part from which 30 and 31 protrude) and terminating faces (part of 27 where 20 is mounted), and the wall means (42,44) being of generally uniform thickness between the faces (Figs. 2-3) along the length of the elongated body portion (middle part of 30 that connects 64); and a plurality of conductive terminals (48,50,52) mounted in the terminal-receiving passages (where 48,50 and 52 are located) having a predetermined width, and end portions (ends of 30, where 56 and 64 are located) having a predetermine width which is greater than the width of the body portion (middle part of 30 that connects 64), the width of the elongated body portion (middle part of 30 that connects 64) and the width of the end portions (ends of 30, where 56 and 64 are located) being defined by a dimension (from top to bottom) which is transverse to the terminal-receiving passages (where 48,50 and 52 are located). See Figs. 1-4.

With regard to Claims 2 and 11, Baxter et al. discloses the wall means (42,44) including outside walls (walls near ends 32,33). See Figs. 1-4.

With regard to Claims 3, 12 and 14, Baxter et al. discloses the molded plastic housing (30) including enlarged end portions (ends of 30, where 56 and 64 are located) at opposite ends of the elongated body portion (middle part of 30 that connects 64), the body portion (middle part of 30 that connects 64) having a predetermined width, and each of the end portions (ends of 30, where 56 and 64 are located) having a

Art Unit: 2833

predetermine width which is greater than the width of the body portion (middle part of 30 that connects 64), the width of the elongated body portion (middle part of 30 that connects 64) and the width of the end portions (ends of 30, where 56 and 64 are located) being defined by a dimension (from top to bottom) which is transverse to the terminal-receiving passages (where 48,50 and 52 are located). See Figs. 1-4.

With regard to Claims 4 and 15-16, Baxter et al. discloses the connector (10) being a combination connector with the elongated body portion (middle part of 30 that connects 64) including a data section (48) of the connector (10) and at least one of the enlarged end portions (ends of 30, where 56 and 64 are located) including a power section (52) of the connector (10). See Figs. 1-4.

With regard to Claim 5, Baxter et al. discloses the terminals (48) being signal terminals and the power section (52) including at least one power terminal mounted therein. See Figs. 1-4.

With regard to Claim 13, Baxter et al. discloses an electrical connector (10), comprising: a molded plastic housing (30) having an elongated body portion (middle part of 30 that connects 64) longitudinally extending between opposite end portions (ends of 30, where 56 and 64 are located), a plurality of terminal-receiving passages (where 48,50 and 52 are located) extending transversely through the body portion (middle part of 30 that connects 64), the body portion (middle part of 30 that connects 64) having a predetermined width and the end portions (ends of 30, where 56 and 64 are located) having a predetermined width which is greater than the width of the body portion (middle part of 30 that connects 64); the width of the body portion (middle part of

Art Unit: 2833

30 that connects 64) and the width of the end portions being defined by a dimension which is transverse to the terminal receiving passages (where 48,50 and 52 are located) and a plurality of conductive terminals (48,50,52) mounted in the terminal-receiving passages (where 48,50 and 52 are located). See Figs. 1-4.

With regard to Claim 7, Baxter et al. discloses the passages (where 48,50 and 52 are located) being at least in part defined by outside walls (walls near the ends of 30) of the elongated body portion (middle part of 30 that connects 64), the walls (walls near the ends of 30) being of generally uniform thickness throughout. See Figs. 1-4.

With regard to Claim 8, Baxter et al. discloses the connector (10) being a combination connector with the elongated body portion (middle part of 30 that connects 64) including a data section (48) of the connector (10) and at least one of the end portions (ends of 30, where 56 and 64 are located) including a power section (52) of the connector (10). See Figs. 1-4.

With regard to Claim 9, Baxter et al. discloses the terminals (23) being signal terminals and the power section (52) includes at least one power terminal mounted therein. See Figs. 1-4.

Response to Arguments

4. Applicant's arguments with respect to claims 1-5, 7-16 and 18-20 have been considered but are moot in view of the new ground(s) of rejection.

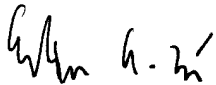
Art Unit: 2833

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edwin A. León whose telephone number is (703) 308-6253. The examiner can normally be reached on Monday - Friday 9:00-5:30.

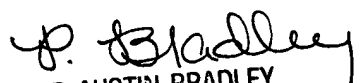
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (703) 308-2319. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



Edwin A. León
AU 2833

EAL
March 4, 2003



P. AUSTIN BRADLEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800